

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 12-2004)

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

2002JP307

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

To Be Assigned

10/524527

INTERNATIONAL APPLICATION NO.

PCT/JP03/08928

INTERNATIONAL FILING DATE

July 14, 2003

PRIORITY DATE CLAIMED

August 20, 2002

TITLE OF INVENTION

PHOTOSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
METHOD OF FORMING PATTERNED INTERLAYER DIELECTRIC

APPLICANT(S) FOR DO/EO/US

Tatsuro NAGAHARA, Hideki MATSUO

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 540353319 US
23. ☒ Other items or information:

Form PCT/IB/301

WO 2004/019132 A1

Form PCT/IB/304

Form PCT/IB/308

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/524527 To Be Assigned | | INTERNATIONAL APPLICATION NO. PCT/JP03/10321 | | ATTORNEY'S DOCKET NUMBER 2002JP312 | | | | | | | | | | | | | |
|--|--------------|--|------------|--|--------------|--|------|--------------|-----------|----|------------|--------------------|---------|---|------------|----|--------|
| 24. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee \$300.00 <input checked="" type="checkbox"/> b) Examination fee \$200.00 <input checked="" type="checkbox"/> c) Search fee \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00 <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | Applicant use | Office use | | | | | | | | | | | | |
| | | | | \$ | \$ | | | | | | | | | | | | |
| | | | | \$300.00 | | | | | | | | | | | | | |
| | | | | \$200.00 | | | | | | | | | | | | | |
| | | | | \$500.00 | | | | | | | | | | | | | |
| | | | | \$ | \$1,000.00 | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Total Sheets</th> <th style="width:15%;">Extra Sheets</th> <th style="width:35%;">Number of each additional 50 or fraction thereof (round up to a whole)</th> <th style="width:15%;">RATE</th> </tr> <tr> <td>40 - 100 =</td> <td>-60 /50 =</td> <td>-1</td> <td>x \$250.00</td> </tr> </table> | | | | Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE | 40 - 100 = | -60 /50 = | -1 | x \$250.00 | \$ | \$0.00 | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole) | RATE | | | | | | | | | | | | | | |
| 40 - 100 = | -60 /50 = | -1 | x \$250.00 | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:15%;">NUMBER FILED</th> <th style="width:15%;">NUMBER EXTRA</th> <th style="width:15%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>15 - 20 =</td> <td>0</td> <td>x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$200.00</td> </tr> </table> | | | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | Total claims | 15 - 20 = | 0 | x \$50.00 | Independent claims | 2 - 3 = | 0 | x \$200.00 | \$ | \$0.00 |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | |
| Total claims | 15 - 20 = | 0 | x \$50.00 | | | | | | | | | | | | | | |
| Independent claims | 2 - 3 = | 0 | x \$200.00 | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 | | | | \$ | \$0.00 | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | \$1,000.00 | | | | | | | | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | \$0.00 | | | | | | | | | | | | |
| SUBTOTAL = | | | | \$ | \$1,000.00 | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | \$0.00 | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = | | | | \$ | \$1,000.00 | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + | | | | \$ | \$0.00 | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = | | | | \$ | \$1,000.00 | | | | | | | | | | | | |
| Amount to be refunded: | | | | \$ | | | | | | | | | | | | | |
| Amount to be charged: | | | | \$ | | | | | | | | | | | | | |

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 50-3309 in the amount of \$1,000.00 to cover the above fees. A duplicate copy of this sheet is _____

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3309. A duplicate copy of this sheet is enclosed.

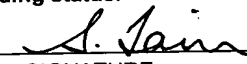
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

SANGYA JAIN
AZ ELECTRONIC MATERIALS USA CORP.
70 MEISTER AVENUE
SOMERVILLE, NJ 08876

Customer No. 26,289



 SIGNATURE
SANGYA JAIN

 NAME
38,504

 REGISTRATION NUMBER

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Tatsuro NAGAHARA, Hideki MATSUO

Docket No.
10/524327
2002JP307

DT01 PCT/PTO

10 FEB 2005

Application No.
To Be AssignedFiling Date
February 10, 2004Examiner
To Be AssignedCustomer No.
26,289Group Art Unit
To Be AssignedInvention: **PHOTOSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
METHOD OF FORMING PATTERNED INTERLAYER DIELECTRIC**

I hereby certify that the following correspondence:

Patent Application - 40 Pages*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

February 10, 2005*(Date)*MARIA T. SANCHEZ*(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)*EV 540353319 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Tatsuro NAGAHARA, Hideki MATSUO

Docket No.

10/524527
2002-0307

Application No.

To Be Assigned

Filing Date

February 10, 2004

Examiner

To Be Assigned

DTOT Rec'd PCT/PTC

Customer No.

26,289

Group Art Unit

To Be Assigned

Invention:

**PHOTOSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
METHOD OF FORMING PATTERNED INTERLAYER DIELECTRIC**

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Transmittal Letter - 2 Pages*(Identify type of correspondence)*

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February 10, 2005*(Date)*MARIA T. SANCHEZ*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV 540353319 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Tatsuro NAGAHARA, Hideki MATSUO

107524527

2002JP307

BT01 Rec'd PCT/PTC 10 FEB 2005

Application No.

Filing Date

Examiner

Customer No.

Group Art Unit

To Be Assigned

February 10, 2004

To Be Assigned

26,289

To Be Assigned

Invention:

**PHOTOSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
METHOD OF FORMING PATTERNED INTERLAYER DIELECTRIC**

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Form PCT/IB/301 for PCT/JP03/08928 - 2 Pages

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February 10, 2005*(Date)*MARIA T. SANCHEZ*(Typed or Printed Name of Person Mailing Correspondence)*
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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Tatsuro NAGAHARA, Hideki MATSUO

10/524527
2002JP307Application No.
To Be AssignedFiling Date
February 10, 2004Examiner
To Be AssignedCustomer No.
26,28910 FEB 2005
Group Art Unit
To Be AssignedInvention: **PHOTOSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
METHOD OF FORMING PATTERNED INTERLAYER DIELECTRIC**

I hereby certify that the following correspondence:

Form PCT/IB/304 for PCT/JP03/08928 - 1 Page

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February 10, 2005
(Date)

MARIA T. SANCHEZ

(Typed or Printed Name of Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)

EV 540353319 US

*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Tatsuro NAGAHARA, Hideki MATSUO

Docket No.

10/524527
2002JP4307

DT01 Rec'd PCT/PTC 10 FEB 2005

Application No.

Filing Date

Examiner

Customer No.

Group Art Unit

To Be Assigned

February 10, 2004

To Be Assigned

26,289

To Be Assigned


Invention:

**PHOTOSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
METHOD OF FORMING PATTERNED INTERLAYER DIELECTRIC**

I hereby certify that the following correspondence:

Form PCT/IB/308 for PCT/JP03/08928 - 1 Page*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

February 10, 2005*(Date)*MARIA T. SANCHEZ*(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)*EV 540353319 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Tatsuro NAGAHARA, Hideki MATSUO

Docket No.

10/524527
2002-09307

Application No.

Filing Date

Examiner

Customer No.

10 FEB 2005
Group Art Unit

To Be Assigned

February 10, 2004

To Be Assigned

26,289

To Be Assigned

Invention:


**PHOTOSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
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WO 2004/019132 A1 - 1 Page

(Identify type of correspondence)

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Tatsuro NAGAHARA, Hideki MATSUO

10/524527

2002JP307

DT01 Rec'd PGT/PTC 10 FEB 2005

Application No.
To Be AssignedFiling Date
February 10, 2004Examiner
To Be AssignedCustomer No.
26,289Group Art Unit
To Be AssignedInvention: PHOTSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
METHOD OF FORMING PATTERNED INTERLAYER DIELECTRIC

I hereby certify that the following correspondence:

Declaration For Utility Or Design Patent Application - 2 Pages

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CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

February 10, 2005

(Date)

MARIA T. SANCHEZ

(Typed or Printed Name of Person Mailing Correspondence)

Maria T. Sanchez
(Signature of Person Mailing Correspondence)EV 540353319 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Tatsuro NAGAHARA, Hideki MATSUO

104524527

2002JP307

PCT/JP/03/08928

10 FEB 2005

| | | | | |
|-----------------------------------|----------------------------------|----------------------------|------------------------|----------------------------------|
| Application No. To Be Assigned | Filing Date February 10, 2004 | Examiner To Be Assigned | Customer No. 26,289 | Group Art Unit To Be Assigned |
|-----------------------------------|----------------------------------|----------------------------|------------------------|----------------------------------|

Invention: **PHOTOSENSITIVE COMPOSITION FOR INTERLAYER DIELECTRIC AND
METHOD OF FORMING PATTERNED INTERLAYER DIELECTRIC**

I hereby certify that the following correspondence:

International Search Report (Form PCT/ISA/210) for PCT/JP03/08928 - 2 Pages

(Identify type of correspondence)

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February 10, 2005

(Date)

MARIA T. SANCHEZ

(Typed or Printed Name of Person Mailing Correspondence)



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